

REAGENTS AND METHODS USEFUL FOR
DETECTING DISEASES OF THE PROSTATE

5

Abstract of the Disclosure

10 A set of contiguous and partially overlapping RNA sequences and
polypeptides encoded thereby, designated as PS112 and transcribed from prostate
tissue is described. A fully sequenced clone representing a continuous sequence of
PS112 is also disclosed. These sequences are useful for the detecting, diagnosing,
staging, monitoring, prognosticating, preventing or treating, or determining the
predisposition of an individual to diseases and conditions of the prostate, such as
prostate cancer. Also provided are antibodies which specifically bind to PS112-
15 encoded polypeptide or protein, and agonists or inhibitors which prevent action of
the tissue-specific PS112 polypeptide, which molecules are useful for the therapeutic
treatment of prostate diseases, tumors or metastases.

U.S. PAT. & TRADEMARK OFFICE